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## **CLAIMS**

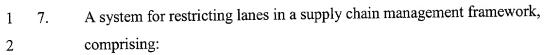
## What is claimed is:

user interface:

graphical user interface; and

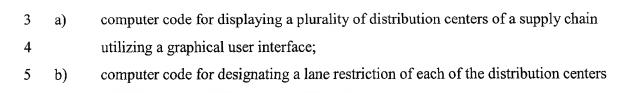
1	1.	A method for restricting lanes in a supply chain management framework,
2		comprising:
3	a)	displaying a plurality of distribution centers of a supply chain utilizing a graphical

- 5 b) designating a lane restriction of each of the distribution centers utilizing the
- 7 c) conditionally involving the distribution centers in a supply chain analysis based on the designation.
- The method of claim 1, wherein it is determined whether a supplier site has been excluded from the supply chain analysis, and the lane is involved in the supply chain analysis based on determination.
- 1 3. The method of claim 1, wherein the lane is allocated prior to the supply chain 2 analysis upon the lane restriction of the distribution centers being designated as 3 required.
- 1 4. The method of claim 1, wherein the lane is excluded during the supply chain 2 analysis upon the lane restriction of the distribution centers being designated as 3 excluded.
- The method of claim 1, wherein the lane is included during the supply chain analysis upon the lane restriction of the distribution centers being designated as to be solved.
- 1 6. The method of claim 1, wherein the designation is received utilizing a network.



- a) logic for displaying a plurality of distribution centers of a supply chain utilizing a
   graphical user interface;
- b) logic for designating a lane restriction of each of the distribution centers utilizing the graphical user interface; and
- 7 c) logic for conditionally involving the distribution centers in a supply chain analysis 8 based on the designation.
- The system of claim 7, wherein it is determined whether a supplier site has been excluded from the supply chain analysis, and the lane is involved in the supply chain analysis based on determination.
- The system of claim 7, wherein the lane is allocated prior to the supply chain analysis upon the lane restriction of the distribution centers being designated as required.
- 1 10. The system of claim 7, wherein the lane is excluded during the supply chain 2 analysis upon the lane restriction of the distribution centers being designated as 3 excluded.
- 1 11. The system of claim 7, wherein the lane is included during the supply chain 2 analysis upon the lane restriction of the distribution centers being designated as to 3 be solved.
- 1 12. The system of claim 7, wherein the designation is received utilizing a network.
- 1 13. A computer program product for restricting lanes in a supply chain management framework, comprising:

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c) computer code for conditionally involving the distribution centers in a supply chain analysis based on the designation.

utilizing the graphical user interface; and

- 1 14. The computer program product of claim 13, wherein it is determined whether a 2 supplier site has been excluded from the supply chain analysis, and the lane is 3 involved in the supply chain analysis based on determination.
- 1 15. The computer program product of claim 13, wherein the lane is allocated prior to
  2 the supply chain analysis upon the lane restriction of the distribution centers being
  3 designated as required.
- 1 16. The computer program product of claim 13, wherein the lane is excluded during
  2 the supply chain analysis upon the lane restriction of the distribution centers being
  3 designated as excluded.
- 1 17. The computer program product of claim 13, wherein the lane is included during
  2 the supply chain analysis upon the lane restriction of the distribution centers being
  3 designated as to be solved.
- 1 18. The computer program product of claim 13, wherein the designation is received utilizing a network.